

MASSIVE PARALLEL METHOD FOR DECODING DNA AND RNA

Abstract of the Disclosure

5        This invention provides methods for attaching a nucleic  
acid to a solid surface and for sequencing nucleic acid  
by detecting the identity of each nucleotide analogue  
after the nucleotide analogue is incorporated into a  
growing strand of DNA in a polymerase reaction.    The  
10       invention also provides nucleotide analogues which  
comprise unique labels attached to the nucleotide  
analogue through a cleavable linker, and a cleavable  
chemical group to cap the -OH group at the 3'-position  
of the deoxyribose.

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